

Day : Sunday
 Date: 10/17/2004
 Time: 16:21:38

PALM INTRANET

Inventor Information for 10/624081

Inventor Name	City	State/Country
DIONNE, KEITH E.	REHOBOTH	MASSACHUSETTS
EMERICH, DWAIN E. F.	PROVIDENCE	RHODE ISLAND
HOFFMAN, DIANE	CAMBRIDGE	MASSACHUSETTS
SANBERG, PAUL R.	SPRING HILL	FLORIDA
CHRISTENSON, LISA	NEW HAVEN	CONNECTICUT
HEGRE, ORION D.	GREEN VALLEY	ARIZONA
SCHARP, DAVID W.	ST. LOUIS	MISSOURI
LACY, PAUL E.	WEBSTER GROVE	MISSOURI
AEBISCHER, PATRICK	LUTRY	SWITZERLAND
VASCONCELLOS, ALFRED V.	CRANSTON	RHODE ISLAND
LYSAGHT, MICHAEL J.	E. GREENWICH	RHODE ISLAND
GENTILE, FRANK T.	WARWICH	RHODE ISLAND

Appln Info

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L33: Entry 1 of 1

File: PGPB

Jun 3, 2004

DOCUMENT-IDENTIFIER: US 20040105834 A1

TITLE: Hydrogel compositions with an erodible backing member

Summary of Invention Paragraph:

[0136] Suitable acrylate polymers are described above as water-swellaable, water-insoluble polymers, and include by way of example and not limitation, polymers formed from acrylic acid, methacrylic acid, methyl acrylate, ethyl acrylate, methyl methacrylate, ethyl methacrylate, and/or other vinyl monomers. Preferred acrylate polymers are the Eudragit.RTM. copolymers (copolymers of methacrylic acid and methyl methacrylate), such as the Eudragit.RTM. series E, L, S, RL, RS and NE copolymers. As noted above, these Eudragit polymers also find utility as the water-swellaable, water-insoluble polymer component of the hydrogel. Since Eudragit polymers are available in different grades with varying pH dependent solubility and permeability characteristics, the grade used for the erodible backing can be selected to have a lower solubility as compared to the grade used in the hydrogel. For example, if L 100-55 is selected for use in the hydrogel, Eudragit L 100 can be used in the backing; if Eudragit L 100 is used in hydrogel, Eudragit S 100 could be used in the backing; and so forth. In addition, mixtures of Eudragit polymers or mixtures of Eudragit polymers with other polymers and excipients (e.g. buffering agents, pH modulators) may be used to tailor the rate of erosion of the backing member relative to the hydrogel.

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☐ 1. Document ID: US 20040185083 A1

Using default format because multiple data bases are involved.

L29: Entry 1 of 14

File: PGPB

Sep 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040185083

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040185083 A1

TITLE: Implantable biocompatible immunoisulatory vehicle for delivery of selected therapeutic products

PUBLICATION-DATE: September 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dionne, Keith E.	Rehoboth	MA	US	
Emerich, Dwaine F.	Providence	RI	US	
Hoffman, Diane	Cambridge	MA	US	
Sanberg, Paul R.	Spring Hill	FL	US	
Christenson, Lisa	New Haven	CT	US	
Hegre, Orion D.	Green Valley	AZ	US	
Scharp, David W.	St. Louis	MO	US	
Lacy, Paul E.	Webster Grove	MO	US	
Aebischer, Patrick	Lutry	RI	CH	
Vasconcellos, Alfred V.	Cranston	RI	US	
Lysaght, Michael J.	E. Greenwich	RI	US	
Gentile, Frank T.	Warwich		US	

US-CL-CURRENT: 424/426; 424/93.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 2. Document ID: US 20020150603 A1

L29: Entry 2 of 14

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150603

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020150603 A1

TITLE: Implantable biocompatible immunoisulatory vehicle for delivery of selected

therapeutic products

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dionne, Keith E.	Rehoboth	MA	US	
Emerich, Dwaine F.	Providence	RI	US	
Hoffman, Diane	Cambridge	MA	US	
Sanberg, Paul R.	Spring Hill	FL	US	
Christenson, Lisa	New Haven	CT	US	
Hegre, Orion D.	Green Valley	AZ	US	
Scharp, David W.	St. Louis	MO	US	
Lacy, Paul E.	Webster Grove	MO	US	
Aebischer, Patrick	Lutry	RI	CH	
Vasconcellos, Alfred V.	Cranston	RI	US	
Lysaght, Michael J.	E. Greenwich	RI	US	
Gentile, Frank T.	Warwick		US	

US-CL-CURRENT: 424/424; 424/93.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D
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☐ 3. Document ID: US 6337088 B1

L29: Entry 3 of 14

File: USPT

Jan 8, 2002

US-PAT-NO: 6337088

DOCUMENT-IDENTIFIER: US 6337088 B1

TITLE: Microporous macrocapsules

DATE-ISSUED: January 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gentile; Frank T.	Warwick	RI		
Tresco; Patrick A.	Sandy	UT		
Hazlett; Tyrone	Coventry	RI		
Flanagan; Thomas	Barrington	RI		
Doherty; Edward J.	Mansfield	MA		
Rein; David	Providence	RI		
Holland; Laura M.	Ambler	PA		

US-CL-CURRENT: 424/451; 424/400

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D
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☐ 4. Document ID: US 6322804 B1

L29: Entry 4 of 14

File: USPT

Nov 27, 2001

US-PAT-NO: 6322804

DOCUMENT-IDENTIFIER: US 6322804 B1

TITLE: Implantable biocompatible immunoisulatory vehicle for the delivery of selected therapeutic products

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		
Christenson; Lisa	New Haven	CT		
Hegre; Orion D.	Green Valley	AZ		
Scharp; David W.	St. Louis	MO		
Lacy; Paul E.	Webster Grove	MO		
Aebischer; Patrick	Lutry			CH
Vasconcellos; Alfred V.	Cranston	RI		
Lysaght; Michael J.	E. Greenwich	RI		
Gentile; Frank T.	Warwich	RI		

US-CL-CURRENT: 424/422; 424/423, 424/424, 424/426, 424/430, 424/434, 424/437,
424/489, 424/490

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	FIGS	Draw. D
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☐ 5. Document ID: US 6083523 A

L29: Entry 5 of 14

File: USPT

Jul 4, 2000

US-PAT-NO: 6083523

DOCUMENT-IDENTIFIER: US 6083523 A

TITLE: Implantable biocompatible immunoisulatory vehicle for delivery of selected therapeutic products

DATE-ISSUED: July 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		

Christenson; Lisa	New Haven	CT	
Hegre; Orion D.	Green Valley	AZ	
Scharp; David W.	St. Louis	MO	
Lacy; Paul E.	Webster Grove	MO	
Aebischer; Patrick	Lutry		CH
Vasconcellos; Alfred V.	Cranston	RI	
Lysaght; Michael J.	Greenwich	RI	
Gentile; Frank T.	Warwick	RI	

US-CL-CURRENT: 424/424; 264/4.1, 424/493, 424/497, 435/1.1, 435/177, 435/178,
435/179, 435/180, 435/182

Full	Title	Citation	Front	Review	Classification	Date	Reference	Character	Claims	KMC	Draw. D
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☐ 6. Document ID: US 5955095 A

L29: Entry 6 of 14

File: USPT

Sep 21, 1999

US-PAT-NO: 5955095

DOCUMENT-IDENTIFIER: US 5955095 A

TITLE: Microporous macrocapsules

DATE-ISSUED: September 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gentile; Frank T.	Warwick	RI		
Hazlett; Tyrone	Coventry	RI		
Tresco; Patrick A.	Sandy	UT		
Flanagan; Thomas	Barrington	RI		
Doherty; Edward J.	Mansfield	MA		
Rein; David	Providence	RI		
Holland; Laura M.	Ambler	PA		

US-CL-CURRENT: 424/422; 424/463, 424/520

Full	Title	Citation	Front	Review	Classification	Date	Reference	Character	Claims	KMC	Draw. D
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☐ 7. Document ID: US 5874099 A

L29: Entry 7 of 14

File: USPT

Feb 23, 1999

US-PAT-NO: 5874099

DOCUMENT-IDENTIFIER: US 5874099 A

TITLE: Methods for making immunoislatary implantable vehicles with a biocompatible jacket and a biocompatible matrix core

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		
Christenson; Lisa	New Haven	CT		
Hegre; Orion D.	Green Valley	AZ		
Scharp; David W.	St. Louis	MO		
Lacy; Paul E.	Webster Grove	MO		
Aebischer; Patrick	Lutry			CH
Vasoochcellos; Alfred V.	Cranston	RI		
Lysaght; Michael J.	E. Greenwich	RI		
Gentile; Frank T.	Warwich	RI		

US-CL-CURRENT: 424/422, 424/423, 424/424, 424/426, 424/427, 424/430, 424/434,
424/437, 424/489, 424/490

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KMC	Draw. De
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☐ 8. Document ID: US 5871767 A

L29: Entry 8 of 14

File: USPT

Feb 16, 1999

US-PAT-NO: 5871767

DOCUMENT-IDENTIFIER: US 5871767 A

TITLE: Methods for treatment or prevention of neurodegenerative conditions using
 immunoisulatory implantable vehicles with a biocompatible jacket and a
 biocompatible matrix core

DATE-ISSUED: February 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		
Christenson; Lisa	New Haven	CT		
Hegre; Orion D.	Green Valley	AZ		
Scharp; David W.	St. Louis	MO		
Lacy; Paul E.	Webster Grove	MO		
Aebischer; Patrick	Lutry			CH
Vasconcellos; Alfred V.	Cranston	RI		
Lysaght; Michael J.	E. Greenwich	RI		
Gentile; Frank T.	Warwich	RI		

US-CL-CURRENT: 424/422; 424/423, 424/424, 424/426, 424/427, 424/430, 424/434,
424/437, 424/489, 424/490

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KMC	Draw. D.
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☐ 9. Document ID: US 5869077 A

L29: Entry 9 of 14

File: USPT

Feb 9, 1999

US-PAT-NO: 5869077

DOCUMENT-IDENTIFIER: US 5869077 A

TITLE: Methods for treating diabetes by delivering insulin from biocompatible cell-containing devices

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		
Christenson; Lisa	New Haven	CT		
Hegre; Orion D.	Green Valley	AZ		
Scharp; David W.	St. Louis	MO		
Lacy; Paul E.	Webster Grove	MO		
Aebischer; Patrick	Lutry			CH
Vasconcellos; Alfred V.	Cranston	RI		
Lysaght; Michael J.	Greenwich	RI		
Gentile; Frank T.	Warwich	RI		

US-CL-CURRENT: 424/422; 424/423, 424/424, 424/426, 424/490, 514/866

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KMC	Draw. D.
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☐ 10. Document ID: US 5853385 A

L29: Entry 10 of 14

File: USPT

Dec 29, 1998

US-PAT-NO: 5853385

DOCUMENT-IDENTIFIER: US 5853385 A

TITLE: Encapsulated PC12 cell transplants for treatment of Parkinson's disease

DATE-ISSUED: December 29, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Emerich; Dwaine F.	Providence	RI	
Aebischer; Patrick	Lutry		CH
Kordower; Jeffrey H.	Oak Park	IL	

US-CL-CURRENT: 604/500

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 11. Document ID: US 5834001 A

L29: Entry 11 of 14

File: USPT

Nov 10, 1998

US-PAT-NO: 5834001

DOCUMENT-IDENTIFIER: US 5834001 A

TITLE: Methods for making immunoisulatory implantable vehicles with a biocompatiable jacket and a biocompatible matrix core

DATE-ISSUED: November 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		
Christenson; Lisa	New Haven	CT		
Hegre; Orion D.	Green Valley	AZ		
Sharp; David W.	St. Louis	MO		
Lacy; Paul E.	Webster Grove	MO		
Aebischer; Patrick	Lutry			CH
Vasconcellos; Alfred V.	Cranston	RI		
Lysaght; Michael J.	Greenwich	RI		
Gentile; Frank T.	Warwich	RI		

US-CL-CURRENT: 424/422; 424/423, 424/424, 424/426, 424/427, 424/430, 424/434, 424/437, 424/489, 424/490

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 12. Document ID: US 5800829 A

L29: Entry 12 of 14

File: USPT

Sep 1, 1998

US-PAT-NO: 5800829

DOCUMENT-IDENTIFIER: US 5800829 A

TITLE: Methods for coextruding immunoisulatory implantable vehicles with a biocompatible jacket and a biocompatible matrix core

DATE-ISSUED: September 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		
Christenson; Lisa	New Haven	CT		
Hegre; Orion D.	Green Valley	AZ		
Scharp; David W.	St. Louis	MO		
Lacy; Paul E.	Webster Grove	MO		
Aebischer; Patrick	Lutry			CH
Vasconcellos; Alfred V.	Cranston	RI		
Lysaght; Michael J.	E. Greenwich	RI		
Gentile; Frank T.	Warwich	RI		

US-CL-CURRENT: 424/422, 424/423, 424/424, 424/426, 424/427, 424/430, 424/434,
424/437, 424/489, 424/490

Full	Title	Citation	Front	Review	Classification	Date	Reference	Examination	Publication	Claims	KMIC	Drawings
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☐ 13. Document ID: US 5800828 A

L29: Entry 13 of 14

File: USPT

Sep 1, 1998

US-PAT-NO: 5800828

DOCUMENT-IDENTIFIER: US 5800828 A

TITLE: Implantable biocompatible immunoisulatory vehicle for delivery of selected therapeutic products

DATE-ISSUED: September 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		
Christenson; Lisa	New Haven	CT		
Hegre; Orion D.	Green Valley	AZ		
Scharp; David W.	St. Louis	MO		
Lacy; Paul E.	Webster Grove	MO		
Aebischer; Patrick	Lutry			CH
Vasconcellos; Alfred V.	Cranston	RI		
Lysaght; Michael J.	E. Greenwich	RI		
Gentile; Frank T.	Warwich	RI		

US-CL-CURRENT: [424/422](#); [424/423](#), [424/424](#), [424/426](#), [424/427](#), [424/430](#), [424/434](#),
[424/437](#), [424/489](#), [424/490](#), [514/814](#), [514/866](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Claims	KMC	Draw. D
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☐ 14. Document ID: US 5798113 A

L29: Entry 14 of 14

File: USPT

Aug 25, 1998

US-PAT-NO: 5798113

DOCUMENT-IDENTIFIER: US 5798113 A

TITLE: Implantable biocompatible immunoisulatory vehicle for delivery of selected therapeutic products

DATE-ISSUED: August 25, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dionne; Keith E.	Rehoboth	MA		
Emerich; Dwaine F.	Providence	RI		
Hoffman; Diane	Cambridge	MA		
Sanberg; Paul R.	Spring Hill	FL		
Christenson; Lisa	New Haven	CT		
Hegre; Orion D.	Green Valley	AZ		
Scharp; David W.	St. Louis	MO		
Lacy; Paul E.	Webster Grove	MO		
Aebischer; Patrick	Lutry			CH
Vasooncellos; Alfred V.	Cranston	RI		
Lysaght; Michael J.	Greenwich	RI		
Gentile; Frank T.	Warwich	RI		

US-CL-CURRENT: [424/422](#); [424/423](#), [424/424](#), [424/426](#), [424/427](#), [424/430](#), [424/434](#),
[424/437](#), [424/489](#), [424/490](#), [514/814](#), [514/866](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Claims	KMC	Draw. D
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